

File 9:Business & Industry(R) Jul/1994-2003/May 19  
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 File 15:ABI/Inform(R) 1971-2003/May 17  
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 File 476:Financial Times Fulltext 1982-2003/May 20  
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 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc

?ds

Set	Items	Description
S1	222415	VISUAL?() (IMPAIRED? OR DISABILITY? OR DISABL?) OR BLIND? OR (LEGAL? OR FUNCTIONAL?) () BLIND?
S2	5150309	FINANCIAL() SERVICE? OR HOME() BANK? OR ATM OR AUTOMATIC() TE- LLER() MACHINE? OR BANK? ? OR BANKING?
S3	14667	(SCREEN() READ?) () (DEVICE? OR APPARATUS? OR SOFTWARE) OR SC- REEN() ACCESS() SOFTWARE? OR HOME() PAGE() READER? OR LYNX? OR TE- XT() (READABLE? OR READABILIT?)
S4	1889	(BRAILLE? OR SPEECH?) (3N) (CONVERSION? OR CONVERT?)
S5	5231	S1(S) S2
S6	9	S5(S) S3
S7	2	S5(S) S4
S8	2	S7 NOT S6
S9	2	RD (unique items)
S10	103	S1(5N) (S3 OR S4)
S11	100	S10 NOT (S6 OR S9)
S12	53	S11 NOT PY>2000
S13	46	RD (unique items)

6/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2574844 Supplier Number: 02574844

**NEW ACCESS TOOLS GIVE BLIND AN EVEN BREAK IN WORKPLACE**

(Number of high-technology firms are trying to designing new workplace products for the blind; Henter-Joyce develops screen-reading tool called JAWS (Job Access With Speech))

Globe & Mail, p R3

August 27, 1999

DOCUMENT TYPE: Regional Newspaper ISSN: 0319-0714 (Canada)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

A number of high-technology firms are trying to designing new products that would give **blind** people an even break in the workplace. The firms include Henter-Joyce Inc. (St. Petersburg...

...has developed a screen-reading tool called JAWS (Job Access With Speech). JAWS helps a **blind** employee by reading the portion he or she selects. The user can also type on...

...what the keyed item in order to avoid error. JAWS is currently used by the **Bank** of Nova Scotia. Another firm, IBM Canada Ltd. (Markham, Ontario), has developed **Home Page Reader**, which provides a voice interface for Web browsers to allow **blind** people to access information on the Internet. Microsoft Corp. (Redmond, WA), has created a committee...

6/3,K/2 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

28929599 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Careers centre - Technology should improve your quality of life.**

COMPUTING, p39

May 01, 2003

JOURNAL CODE: WCOM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 471

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is blind and has a career at the HSBC bank. He uses a computer with **screen - reading software**. Libraries, UKOnline Centres and Learn Direct centres are making their services available to disabled people...

6/3,K/3 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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24281426

**Canada NewsWire summary of releases for Tuesday, August 6, 2002**

CANADA NEWSWIRE

August 06, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2970

... TO-smart-card-study) C0493 - MONTREAL : LPGA Legend Jan Stephenson Returns to Summerlea for 2002 **Bank** of Montreal Canadian Women's Open (a-Omnium-BMO-Summerle) C0497 - NEW CARLISLE : The Government...

... improve-weater-foreca) C0533 - TORONTO : Molson Canadian Snow Jam blows back into Ottawa - New Venue - **Lynx** Stadium - September 20 and 21, 2002

(Molson-SnowJam-Ottawa) C0538 - EDMONTON : Public hearings on the...  
Non-Dairy Dessert (Alert-milk-protein) C8004 - TORONTO : WorldCom, Enron,  
Nortel & Recording Industry were all **Blindsided** ! Best selling author  
explains why. ( **Blindsided** !-biz-book) C9855 - TORONTO : Media Advisory -  
Province to announce significant highway improvement (ON-highway-improvement  
...Pipeline to Expand Capacity on its System (NEB-M&NP-application) C0693 -  
TORONTO : RBC Royal **Bank** decreases residential mortgage rates  
(RBC-mortgage-rates) C0696 - TORONTO : Canadex Resources Limited  
(Canadex-results) C0698...

... to reorganization proposals (TD-AssetMgmt-amendment) Sports# C0448 -  
MONTREAL : /R E P E A T/ **Bank** of Montreal Canadian Women's Open - Media  
Invitation - Photo Opportunity - Join **Bank** of Montreal, the RCGA and  
LPGA legend Jan Stephenson for tee time in the park...

**6/3,K/4 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
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12383051 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Gaining access**

Lim Chong

NEW STRAITS TIMES (MALAYSIA)

August 14, 2000

JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 517

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ATM) using voice-activated software or adapt a Web site for blind  
visitors who use **screen - reader software** to access the site.

Other uses are to modify Web sites for Braille readers, increase...

**6/3,K/5 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
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12374337 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Gaining access**

Lim Chong

COMPUTIMES (MALAYSIA)

August 14, 2000

JOURNAL CODE: FCOM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 517

... ATM) using voice-activated software or adapt a Web site for blind  
visitors who use **screen - reader software** to access the site. Other

uses are to modify Web sites for Braille readers, increase...

**6/3,K/6 (Item 1 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext  
(c) 2003 Financial Times Ltd. All rts. reserv.

0008008682 BOFEVCFAC2FT

**London Stock Exchange: New highs and lows for 1995**

Financial Times, P 13

Saturday, May 20, 1995

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 329

TEXT:

NEW HIGHS (125).

GILTS (8) **BANKS** , MERCHANT (4) Close Bros, King & Shaxson, Kleinwort Benson, Schroders, **BANKS** , RETAIL (1) Ottomane, BREWERIES (2) Boddington, Morland, BUILDING & CNSTRN (3) Severfield - Reeve, Utility Cable, Westbury  
...

...SERVS (11) Admiral, Brooks Service, Cedardata, Computer People, Davis Service, Johnson Cleaners, Learmonth & Burchett, Logica, **Lynx** , RM, Select Appointments, TEXTILES & APPAREL (4) British Mohair, Dewhirst, Eclipse **Blinds** , Pentland, TRANSPORT (2) Applied Distribution, Assoc. British Ports.

6/3,K/7 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00858362 20021121PHTH035 (USE FORMAT 7 FOR FULLTEXT)

**Bank Pursues Initiatives for Persons with Visual Impairments**

PR Newswire

Thursday, November 21, 2002 11:49 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 908

TEXT:

Sovereign **Bank** and the Boston-based Disability Law Center, Inc. (DLC) today announced that the **bank** has launched several major initiatives intended to provide easier access to its **banking** services to individuals with visual impairments as well as other customers. These initiatives include the...

...several Sovereign locations in Massachusetts and Pennsylvania, and hundreds more will become part of the **bank** 's **ATM** network during the next three years. Talking ATMs, which deliver audio information privately through any standard personal cassette player headset, make it possible for persons who are **blind** or who otherwise have difficulty reading an **ATM** screen to use the **ATM** independently. Sovereign's Talking ATMs will enable a user to hear audio instructions either in...

...will be in place by June 30, 2003. That number will increase until all Sovereign **ATM** locations are equipped with the talking versions by June 30, 2005. Sovereign is installing new ATMs as well as upgrading existing ATMs to implement its Talking **ATM** program.

In addition to Talking ATMs, Sovereign has improved its Web site.

Ninety percent of...

...a result, the pages are now easier to navigate for customers with visual impairments using **screen reader software** .

Sovereign will also be providing monthly **bank** statements for personal accounts, as well as its marketing and disclosure materials, in alternative formats...

...the initiatives as part of a settlement agreement with the Bay State Council of the **Blind** , Sight Loss Services, the DLC, and several individuals with visual impairments. **Bank** officials worked closely with these parties to resolve a dispute over whether the **bank** provides persons

with visual impairments legally required access to the bank 's ATMs,  
printed  
materials, and Web site.

"This agreement has provided us with an opportunity...

...better serve an  
important segment of our customers," noted Maxine Rogers,  
telecommunications  
manager at Sovereign Bank . "By working together with these various  
parties,  
we have come up with an effective approach...

...with visual impairments."

Kim Charlson, immediate past president of the Bay State Council of the  
Blind , praised the bank 's initiatives. "We are very pleased that  
Sovereign

Bank has so clearly demonstrated its commitment to improving  
accessibility for  
people who are blind and visually impaired ," Charlson said. "We  
particularly  
commend their extraordinary corporate commitment to 100 percent  
accessibility  
for Talking...

...its Web site  
accessible under the standards established by the World Wide Web  
Consortium."

The bank 's Talking ATMs will be equipped with universal audio jacks.  
Sovereign will provide listening devices...

...visual impairments so  
they can receive private audio instructions for transactions typically  
displayed on the ATM screen, such as cash withdrawals, balance inquiries,  
transfers, and payments and deposits. To locate the nearest Sovereign  
Talking

ATM , consumers may call Sovereign Direct at 877-SOV- BANK  
(877-768-2265). A  
complete list of Talking ATM locations will be available in the future on  
the  
Sovereign Web site.

"Sovereign Bank is committed to providing world-class service to all  
of  
its customers," noted John Hamill, chairman and chief executive officer of  
Sovereign Bank New England. "These initiatives will provide easier  
access to  
our services to persons who are visually impaired , as well as to those  
who  
have other impairments." He pointed out that Associated Services for the  
Blind , Philadelphia, recently recognized Sovereign for its efforts in  
serving  
those who have visual impairments.

Sovereign...

6/3,K/8 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00858361 20021121PHTH035 (USE FORMAT 7 FOR FULLTEXT)  
**Bank Pursues Initiatives for Persons with Visual Impairments**  
PR Newswire  
Thursday, November 21, 2002 11:49 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE

...its Web site  
accessible under the standards established by the World Wide Web  
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Sovereign **Bank** New England. "These initiatives will provide easier  
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our services to persons who are **visually impaired** , as well as to those  
who  
have other impairments." He pointed out that Associated Services for the  
**Blind** , Philadelphia, recently recognized Sovereign for its efforts in  
serving  
those who have visual impairments.

Sovereign...

6/3,K/9 (Item 3 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00726384 20020301SFF012 (USE FORMAT 7 FOR FULLTEXT)  
**Biotech Manages To Stay Ahead Of The Nasdaq During Feb**  
PR Newswire  
Friday, March 1, 2002 07:01 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,924

TEXT:

...noted G. Steven Burrill, CEO of  
Burrill & Company, a San Francisco-based life sciences merchant **bank** .

"The Enron situation had already fueled enormous skepticism on Wall  
Street  
when the ImClone debacle...

...still has its  
fundamentals in place, its drugs in the pipeline, and money in the **bank** ."  
Following a decline of 15% in January, the Burrill Select Index fell  
another 6% in...

...to be ineffective. Zenapax is currently in a Phase II clinical trials  
whose  
results are **blinded** , hence such speculation may be premature. Incyte  
also  
weighed down the index, falling 25% after...

...HGS had received payments from its partners.  
Other significant losers on a percentage basis were **Lynx** ( **LYNX** ) and  
Caliper

9/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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25751543

**CIBC introduces Audio Access ABMs as part of plan to expand barrier free access and upgrade ABM service across the country**

CANADA NEWSWIRE

October 29, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 855

... audio ABM uses NCR's APTRA ABM software, combined with an on-line text to **speech converter**, to generate spoken language. The APTRA software recognizes when a headphone is inserted into the...

... be customized by the consumer." CIBC's Audio Access ABMs feature SpeechWorks' Speechify Solo embedded **speech** synthesis technology, which **converts** text into spoken language, allowing customers with visual impairments to complete transactions by listening to...

... customers. CIBC is a leading North American financial institution with more than eight million personal **banking** and business customers. CIBC offers a full range of products and services through its comprehensive electronic **banking** network, branches and offices across Canada, the United States and around the world. You can...

9/3,K/2 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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08682107

**Games alleged to be out of sight**

Mandy Bryan

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (AUSTRALIAN FINANCIAL REVIEW)  
, p20

December 11, 1999

JOURNAL CODE: WAFR LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 105

... Maguire says parts of many other popular web sites in Australia, including ninemsn and the **home banking** site of the Commonwealth **Bank**, are similarly unreadable.  
?

13/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2873779 Supplier Number: 02873779 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**AOL To Become Accessible For The Blind**  
(America Online reached an agreement with the National Federation of the Blind to make AOL software compatible with programs that blind people use to convert digital information to Braille or speech)  
Newsbytes News Network, p N/A  
July 27, 2000  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 214

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...(with the National Federation of the Blind to make AOL software compatible with programs that blind people use to convert digital information to Braille or speech)

TEXT:

...the National Federation of the Blind, which will see AOL software made compatible with programs blind people use to convert digital information to speech or Braille.

An Associated Press report said the federation agreed to drop a lawsuit accusing...

13/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2625135 Supplier Number: 02625135  
**Must Web Sites Be Accessible To the Blind?**  
(America Online facing litigation from the National Federation of the Blind for allegedly violating the Americans with Disabilities Act)  
Wall Street Journal , v CCXXXIV, n 90, p B1+  
November 05, 1999  
DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...Act. Observers reported that America Online needs to make available simple technology that will allow " screen reader " software to dictate content to blind users. Rich D'Amato, spokesman for America Online, said that America Online is committed to...

13/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2427548 Supplier Number: 02427548 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Minor Model of a Modern Major Promo**  
(National Assn of Professional Baseball Leagues represents 170 minor league teams, which had sales of over 35 mil tickets in 1998)  
Promo, v XII, n 5, p 69+  
April 1999  
DOCUMENT TYPE: Journal ISSN: 1047-1707 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1549

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:



...selected to be a human bowling ball and knock down pins near third base.

Ottawa **Lynx** 's **Blindfolded Ball Search**: Fans get a chance to win airfare for two anywhere in Canada by...

13/3,K/4 (Item 4 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2362828 Supplier Number: 02362828 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**IBM Intros Browser That Speaks**  
(International Business Machines launches English-language version of its talking Web browser)  
Newsbytes News Network, p N/A  
February 04, 1999  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 310

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...IBM Special Needs Systems. "But until recently, access to the Internet was extremely limited for blind adults and children. **Home Page Reader** is closing the information gap between sighted and blind computer users at home and at...

13/3,K/5 (Item 5 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2281556 Supplier Number: 02281556 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Seeing-Eye Software**  
(IBM's new software, Home Page Reader, helps blind and vision-impaired people get more use out of the Internet)  
Information Week, p 16  
November 02, 1998  
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 108

(IBM's new software, Home Page Reader, helps blind and vision-impaired people get more use out of the Internet)

13/3,K/6 (Item 6 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2270738 Supplier Number: 02270738 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**IBM Talking Web Browser For The Blind**  
(IBM introduced a talking World Wide Web browser to help visually-impaired computer users)  
Newsbytes News Network, p N/A  
October 21, 1998  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 475

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...indispensable tool for sharing knowledge in today's world," said Chuck

King, the product manager. " **Home Page Reader** allows people who are **blind** or visually impaired to participate in the Internet revolution and have access to the information...

13/3,K/7 (Item 7 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1942847 Supplier Number: 01942847

**Software lets Internet users operate browser by voice**  
**(Nippon Telegraph & Telephone Corp develops a spoken interface software that enables a user to maneuver around Internet pages by voice-activated commands)**

Nikkei Weekly, v 35, n 1,790, p 14

September 08, 1997

DOCUMENT TYPE: Journal ISSN: 1060-3506 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...to read text on the screen, the software could also open the Internet to the **visually impaired**. The software uses **speech** -recognition algorithms to **convert** spoken words into computer commands.

...

13/3,K/8 (Item 8 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1933067 Supplier Number: 01933067

**Technologies That Enable The Disabled**

**(Increasing number of assistive devices have appeared in recent years, helping those with disabilities to enrich vocational and avocational outlets)**

New York Times , v CXLVI, n 50,915, p 3;1+

September 14, 1997

DOCUMENT TYPE: National Newspaper ISSN: 0362-4331 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...seconds and changes it to spoken text. Henter Joyce Inc (St Petersburg, FL) makes computer **screen reading devices** for the **blind**; in the past year, its staff has tripled to 24. LC Technologies (Fairfax, VA) manufactures...

13/3,K/9 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02067609 61016567

**The age of access: How technology is opening the stage to people with disabilities**

Zielinski, Dave

Presentations v14n9 PP: 40-51 Sep 2000

ISSN: 1072-7531 JRNL CODE: PRS

WORD COUNT: 3243

...TEXT: Although presenters can do plenty of things to make PowerPoint-based presentations more accessible to **visually - impaired** people, **converting** PowerPoint text to **Braille**, although commendable, isn't at the top of the list, according to the NFB's...

13/3,K/10 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01997063 51076856

**Designing a website that is ADA-compliant**

Kaplan, Frederick M

National Real Estate Investor v42n3 PP: 34 Mar 1, 2000

ISSN: 0027-9994 JRNL CODE: NRE

WORD COUNT: 760

...TEXT: Act of 1990 (ADA). It charges that AOL's proprietary software is not compatible with **screen access software** programs used by **blind** persons to translate computer text into synthesized speech or Braille.

Therefore, NFB lawyers argue that...

13/3,K/11 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01978171 48731710

**Creating an online community--and a market--for the disabled**

Kahn, Jeremy

Fortune v141n3 PP: 188 Feb 7, 2000

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 409

...TEXT: and provides text equivalents for all images and other nontext screen elements, something critical to **blind** people who rely on **screen - reading software** to surf the Web.

The Website is already making money, according to Fields; the next...

13/3,K/12 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01850378 05-01370

**The next hundred years**

Kurzweil, Ray

Across the Board v36n7 PP: 21-26 Jul/Aug 1999

ISSN: 0147-1554 JRNL CODE: CBR

WORD COUNT: 2299

...TEXT: courseware has emerged as a common means of learning.

Pocket-sized reading machines for the **blind** and **visually 'impaired** , "listening machines" ( **speech -to-text conversion** ) for the deaf, and computer-controlled orthotic devices for paraplegic individuals result in a growing...

13/3,K/13 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01757430 04-08421

**Pattern recognition**

Dern, Daniel P

Computerworld v33n3 PP: 71 Jan 18, 1999

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 792

...ABSTRACT: past 2 decades, Ray Kurzweil has created computer companies whose products read text to the **blind**, **convert speech** to text and create music without using musical instruments. In an interview, he discusses his...

...TEXT: past two decades, Ray Kurzweil has created computer companies whose products read text to the **blind**, **convert speech** to text and create music without using musical instruments. His new book, The Age of...

13/3,K/14 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01727839 03-78829

**Blind programmers**

Alexander, Steve

Computerworld v32n44 PP: 86-87 Nov 2, 1998

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 1766

...TEXT: the newer PC and client/server worlds, Chong says.

That door was partially reopened for **blind** programmers when **screen - reader software** was adapted to convert some, but not all, Windows graphical interfaces into screen-readable text... a human reader for 20 hours a week or use optical character recognition technology to **convert** text to **speech** or to braille."

\* **Blind** people who can do programming work must be incredibly smart. "If the basic techniques are...

13/3,K/15 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01705704 03-56694

**Successful Web pages: What are they and do they exist?**

D Angelo, John; Little, Sherry K

Information Technology & Libraries v17n2 PP: 71-81 Jun 1998

ISSN: 0730-9295 JRNL CODE: JLA

WORD COUNT: 7233

...TEXT: appearance.139

Provide a text-only option for users with text-only browsers such as **LYNX** or for users who are **visually impaired**,140 or provide simple alternative text for the graphics they cannot view.141,142,143...

13/3,K/16 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01657225 03-08215

**24 hours in technology**

Mattis, Michael

Upside v10n7 PP: 158-159 Jul 1998

ISSN: 1052-0341 JRNL CODE: UPS

WORD COUNT: 739

...TEXT: stray bullets in inner cities, enabling firefighters to peer through dense smoke and helping a **blind** girl read by **converting** text to **Braille**.

Gadgets from the cellular phone wielded by the captain of a sailing junk in Hong...

13/3,K/17 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01377771 00-28758

**I hear, you see: Adaptive CD-ROM for disabled users**  
Lazzaro, Joseph J  
EMedia Professional v10n2 PP: 52-59 Feb 1997  
ISSN: 1090-946X JRNL CODE: LDP  
WORD COUNT: 3199

...TEXT: Off-Screen model which keeps a running tally of everything written to the screen, allowing **screen - reader software** programs used by the **blind** to accurately read what is on the video display.

ActiveX Accessibility also includes hooks for...

13/3,K/18 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00701352 93-50573

**Tools that help performance on the job**  
Tompkins, Neville C  
HRMagazine v38n4 PP: 84-90 Apr 1993  
ISSN: 1047-3149 JRNL CODE: PAD  
WORD COUNT: 2329

...TEXT: a relay service, and mouthpicks that allow quadriplegics to operate computers. Software is available to **convert** text to **speech** for the **blind** and speech to text for the deaf.

These are examples of high-tech items, but...

13/3,K/19 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

14173422 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Computimes: Gaining access to all areas - The right software, plus some targeted funding, can help people with disabilities participate in the online information revolution, reports Ronan Quinn**

IRISH TIMES, p8

December 11, 2000

JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 726

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... translating screen information into speech or Braille, a screen reader can offer visually impaired or **blind** people greater access to technology. **Screen reader software** can also enable users to create and edit documents, access the Internet with greater ease...

13/3,K/20 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

13690950 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Indiana Firm Releases Software for Refreshable Braille Display on a Computer**

Doug LeDuc

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (NEWS-SENTINEL - FORT WAYNE, INDIANA)

November 07, 2000

JOURNAL CODE: KFWS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 439

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... employs 13 at 725 Airport North Office Park, was founded in 1990 to develop computer **screen - reading software**, which vocalized text for the **blind**.

The version designed to support Windows 95 and Windows 98 computer operating systems won a...

**13/3,K/21 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

13495192 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**(CNW) IBM's Talking Web Browser Allows Blind and Visually Impaired People To Do E-Business**

CANADA NEWSWIRE

October 26, 2000

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 729

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and easily.

"With its rich features, low cost and Javascript support, this new version of **Home Page Reader** will allow many **blind** and **visually impaired** people around the world to fully participate in the e-business revolution for the first...

**13/3,K/22 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

13487367 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IBM's Talking Web Browser Allows Blind and Visually Impaired People To Do E-Business**

BUSINESS WIRE

October 26, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 727

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and easily.

"With its rich features, low cost and Javascript support, this new version of **Home Page Reader** will allow many **blind** and **visually impaired** people around the world to fully participate in the e-business revolution for the first...

**13/3,K/23 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

\*12146905 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Roanoke Times, Va., Business Briefs Column**  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (ROANOKE TIMES - VIRGINIA)  
July 28, 2000  
JOURNAL CODE: KRTV LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 419

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Americans with Disabilities Act. In return, AOL will make its software compatible with programs the **blind** use to **convert** digital information to **speech** or Braille.

**13/3,K/24 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

12114457 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**National Federation of the Blind and America Online Reach Agreement on Accessibility**  
PR NEWSWIRE  
July 26, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 706

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to its members.  
NFB's lawsuit had charged that the AOL service "is incompatible with **screen access software** programs for the **blind**." As a result, blind people did not have access to the nation's largest Internet...

**13/3,K/25 (Item 7 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11351545 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Edapta to Launch at JavaOne; Start-Up Develops Alternative User Interfaces Based On Individual User Constraints**  
BUSINESS WIRE  
June 05, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1317

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 74 million seniors in the US (750 million globally). The Edaptation Engine can, for example, **convert** text to **speech** for the **blind**; enlarge and re-position click-on buttons for persons with physical impairments; simplify online transaction...

**13/3,K/26 (Item 8 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11192616 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Henter-Joyce and IBM Japan Announce Development of Japanese-Language Screen Reader Software for Blind and Visually Impaired Computer Users**  
BUSINESS WIRE  
May 24, 2000

**Henter-Joyce and IBM Japan Announce Development of Japanese-Language  
Screen Reader Software for Blind and Visually Impaired  
Computer Users**

13/3,K/27 (Item 9 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

10772446 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Henter-Joyce Merges With Freedom Scientific Inc.**  
PR NEWSWIRE  
April 27, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 382

... Group announced today that its client, Henter-Joyce, the world's leading company in providing **screen - reader software** technology to **blind and visually impaired** computer users, has merged with Freedom Scientific Inc. Freedom Scientific was formed to offer a...

13/3,K/28 (Item 10 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

09754147 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Level pegging**  
SECTION TITLE: FEATURES  
MARSHALL Robin  
CHRISTCHURCH PRESS , 2 ed, p28  
February 24, 2000  
JOURNAL CODE: WTCP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1305

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... be a good advance in technology in the last year or two."

Visual impairments

Many **blind** people use **screen reading software** to read text on conventional Windows-based software. "They can use a standard keyboard, and ...

13/3,K/29 (Item 11 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08430792 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Is virtual space a public sphere?**  
ND Batra  
STATESMAN (INDIA)  
November 28, 1999  
JOURNAL CODE: FSTN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 774

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... thousands of blind persons in the use of adaptive technology. The Center's computers include **screen access software** that enables the



blind to use e-mail, chatrooms and instant messaging buddy system by converting the text and...

13/3,K/30 (Item 12 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08088310 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Boston Lawsuit Seeks Better Access to Internet for the Blind**

Hiawatha Bray

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (BOSTON GLOBE - MASSACHUSETTS)

November 05, 1999

JOURNAL CODE: KBGL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1057

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the next version of AOL software, due for release next year will be compatible with **screen reading software** for **blind** people.

Concerns about access to the Internet are understandable, given its burgeoning importance to the...

13/3,K/31 (Item 13 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

06320183 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**When the blind show us the way: Plans to develop a mobile phone for the visually handicapped will benefit everyone in the long run, reports Dan Jellinek**

GUARDIAN

July 22, 1999

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 729

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... their sites. It recommends, for example, that sites should use text tags alongside images so **blind** people using **speech** or **Braille converters** can know what is depicted; sites should be easy to navigate; alternatives should be provided...

13/3,K/32 (Item 14 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

06055602 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IBM: Asia's champion**

ASIA COMPUTER WEEKLY

June 28, 1999

JOURNAL CODE: FACW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 936

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Tokyo Research Laboratory was founded in 1982. Notable technologies developed at the lab include the **Home Page Reader**, which allows **blind** and sight-impaired users to surf the World Wide Web; the Wearable PC, a lightweight...

13/3,K/33 (Item 15 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
\*(c) 2003 The Dialog Corp. All rts. reserv.

05504537 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Technology can be used to help disabled people**  
NATION (THAILAND)

May 11, 1999

JOURNAL CODE: WTNN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 563

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... be based on frames and columns," he explained, "because this format cannot be used by **blind** people who use **screen reader software**, which converts text on computer screens to voice. They may not be able to read...

13/3,K/34 (Item 16 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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04544382 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Abe's New World Odyssey**

COMPUTERS TODAY, p102

March 15, 1998

JOURNAL CODE: WCOT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1055

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... unveiled a talking Web browser, making the World Wide Web accessible to the blind and **visually impaired**. The new software, **Home Page Reader** for Windows, provides Internet access by speaking aloud the information found on a Web site...

13/3,K/35 (Item 17 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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04218990 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Talking Web Browser for the Blind Now Available from IBM**

BUSINESS WIRE

February 03, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 625

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... IBM Special Needs Systems. "But until recently, access to the Internet was extremely limited for **blind** adults and children. **Home Page Reader** is closing the information gap between sighted and blind computer users at home and at...

...benefit from the wealth of information available on the Internet."

Bringing Internet Access to the **Blind**

**Home Page Reader** uses IBM's ViaVoice(a) Outloud U.S. English text-to-speech technology, and Netscape...

13/3,K/36 (Item 18 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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04091837 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NIIT Scientist Nets Invention Award**

COMPUTERS TODAY, p21

January 31, 1999

JOURNAL CODE: WCOT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 178

...Learn can process text in any language using the GIST card. English text can be **converted** to **speech** for the **blind**. This system facilitates a group interaction facility which allows 5 to 6 students to learn...

**13/3,K/37 (Item 19 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

04040308 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The future? We're virtually there: Ray Kurzweil, a world expert on artificial intelligence, reveals his vision of life beyond the Millennium, and it's barely human**

RAY KURZWEIL

GUARDIAN

January 16, 1999

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1852

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... courseware has emerged as a common means of learning. Pocket-sized reading machines for the **blind** and **visually impaired**, 'listening machines' ( **speech** -to-text **conversion** ) for the deaf, and computer-controlled orthotic devices - 'walking machines' - for some paraplegics result in...

**13/3,K/38 (Item 20 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

03681359

**IBM unveils new Internet products**

YOMIURI SHIMBUN/DAILY YOMIURI

December 08, 1998

JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 178

... combines IBM's talking Web browser with Japanese voice-recognition software. The current version of **Home Page Reader**, which enables the **visually impaired** to gain easier access to Web sites, does not include a voice-recognition function. Currently...

**13/3,K/39 (Item 1 from file: 95)**

DIALOG(R)File 95:TEME-Technology & Management

(c) 2003 FIZ TECHNIK. All rts. reserv.

01170923 198011767300

**A color-to-speech sensory substitution device for the visually impaired**

McMorrow, G; Xiaojun Wang; Whelan, PF

Zandar Technol., Dublin, Ireland

Machine Vision Applications, Architectures, and Systems Integration VI, 15-16 Oct. 1997, Pittsburgh, PA, USAProceedings of the SPIE - The International Society for Optical Engineering, v3205, n11, pp272-281, 1997  
Document type: Conference paper Language: English

Record type: Abstract

ISSN: 0277-786X

ABSTRACT:

A hardware device is presented that **converts** color to **speech** for use by the **blind** and visually impaired. The use of audio tones for transferring knowledge of colors identified to...

13/3,K/40 (Item 1 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext

(c) 2003 Financial Times Ltd. All rts. reserv.

0007562320 BOEIICUAB9FT

**Computerised speech enhanced**

ANDREW DERRINGTON

Financial Times, P 10

Friday, September 9, 1994

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 449

...for disabled people form an important and growing market for talking computers - especially machines that **convert** text into **speech** for the **blind** and generate speech for the voiceless.

The quality of the speech synthesised by computers is...

13/3,K/41 (Item 2 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext

(c) 2003 Financial Times Ltd. All rts. reserv.

0007562309 BOEIICUACIFT

**Speech computer offers new hope**

ANDREW DERRINGTON

Financial Times, P 10

Friday, September 9, 1994

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 473

Aids for disabled people form an important and growing market for talking computers. Machines that **convert** text into **speech** for **blind** people and generate speech for the voiceless are the main applications.

The new device is...

13/3,K/42 (Item 3 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext

(c) 2003 Financial Times Ltd. All rts. reserv.

0002557683 BOCBSARAA4FT

**Technology: Education - Braille typing**

Financial Times, P 6

Monday, July 2, 1984

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 136

TEXT:

ESSEX UNIVERSITY has developed a system that will **convert** **Braille** typing by **blind** students into normal text for assessment by sighted teachers, at the same time producing synthesised...

13/3,K/43 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00394794 20001026300B2074 (USE FORMAT 7 FOR FULLTEXT)  
**IBM's Talking Web Browser Allows Blind and Visually Impaired People To Do E-Business-Greatest functionality at the lowest cost; software offers Javascript support, more languages and ease-of-use features**  
Business Wire  
Thursday, October 26, 2000 07:02 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 710

TEXT:

...and easily.

"With its rich features, low cost and Javascript support, this new version of

**Home Page Reader** will allow many **blind** and **visually impaired** people around the world to fully participate in the e-business revolution for the first...

13/3,K/44 (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2003 San Jose Mercury News. All rts. reserv.

10184146  
**LABOR FORCE SHUTTING OUT THE BLIND**  
San Jose Mercury News (SJ) - Saturday, July 3, 1999  
By: Associated Press  
Edition: Morning Final Section: Business Page: 2C  
Word Count: 466

...according to the Labor Department.

Over the years, technology has made things much easier for **blind** people. **Converting** text to **Braille**, once a painstaking process, can now be done by computers, and some office equipment is...

13/3,K/45 (Item 2 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2003 San Jose Mercury News. All rts. reserv.

09100131  
**ARMIN MILLER, ELECTRONICS TRAILBLAZER HE DEVELOPED DISK TECHNOLOGY**  
San Jose Mercury News (SJ) - Thursday, April 10, 1997  
By: MACK LUNDSTROM, Mercury News Staff Writer  
Edition: Morning Final Section: Local Page: 5B  
Word Count: 617

... Telesensory Systems, Mr. Miller offered advice that helped the company develop a device that would **convert** text to **Braille** for the **visually impaired**.

Armin Miller retired from DataCopy in 1983 and spent his remaining years with his investments...

13/3,K/46 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0925885 BW1192

IBM SOFTWARE: New IBM Talking Web Browser Brings the Voice of the World  
Wide Web to the Blind

October 21, 1998

Byline: Hi-Tech/Internet Writers

...sharing  
knowledge in today's world," said Chuck King, product manager, IBM  
Special Needs Systems. " **Home Page Reader** allows people who are **blind**  
or visually impaired to participate in the Internet revolution and  
have access to the information...  
?

File 344:Chinese Patents Abs Aug 1985-2003/Feb  
 (c) 2003 European Patent Office  
 File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200331  
 (c) 2003 Thomson Derwent  
 File 348:EUROPEAN PATENTS 1978-2003/Apr W04  
 (c) 2003 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20030515,UT=20030508  
 (c) 2003 WIPO/Univentio  
 File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Apr  
 (c)2003 Info.Sources Inc  
 File 2:INSPEC 1969-2003/May W2  
 (c) 2003 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2003/Apr  
 (c) 2003 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2003/May W2  
 (c) 2003 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Apr  
 (c) 2003 The HW Wilson Co.  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Apr  
 (c) 2003 Info. Today Inc.  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group  
 File 474:New York Times Abs 1969-2003/May 19  
 (c) 2003 The New York Times  
 File 475:Wall Street Journal Abs 1973-2003/May 19  
 (c) 2003 The New York Times  
 File 16:Gale Group PROMT(R) 1990-2003/May 19  
 (c) 2003 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/May 19  
 (c)2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2003/May 19  
 (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/May 19  
 (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/May 19  
 (c) 2003 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2003/May 19  
 (c) 2003 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2003/May 17  
 (c) 2003 ProQuest Info&Learning  
 File 20:Dialog Global Reporter 1997-2003/May 20  
 (c) 2003 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2003/May W1  
 (c) 2003 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2003/May 20  
 (c) 2003 Financial Times Ltd  
 File 610:Business Wire 1999-2003/May 20  
 (c) 2003 Business Wire.  
 File 613:PR Newswire 1999-2003/May 20  
 (c) 2003 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2003/May 19  
 (c) 2003 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2003/May 16  
 (c) 2003 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 139:EconLit 1969-2003/May  
 (c) 2003 American Economic Association  
 File 608:KR/T Bus.News. 1992-2003/May 20

(c)2003 Knight Ridder/Tribune Bus News  
 File 625:American Banker Publications 1981-2003/May 20  
 (c) 2003 American Banker  
 File 268:Banking Info Source 1981-2003/May W2  
 (c) 2003 ProQuest Info&Learning  
 File 626:Bond Buyer Full Text 1981-2003/May 20  
 (c) 2003 Bond Buyer  
 File 267:Finance & Banking Newsletters 2003/May 19  
 (c) 2003 The Dialog Corp.

?ds

Set	Items	Description
S1	438	(VISUAL?() (IMPAIRED? OR DISABILITY? OR DISABL?) OR BLIND? - OR LEGAL?() BLIND? OR FUNCTIONAL?() BLIND?) (5N) (ATM OR ATMS OR - AUTOMATIC() TELLER() MACHINE?) NOT PY>2000
S2	435	S1 NOT (BLIND() RESEARCH? OR BLINDED OR BLINDFOLD?)
S3	13	S2(10N) (APPARATUS? OR DEVICE? OR SOFTWARE)
S4	9	RD (unique items)



4/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

012628786 \*\*Image available\*\*  
WPI Acc No: 1999-434890/199937  
XRPX Acc No: N99-324218

**Braille points guide procedure in automation customer guide apparatus for  
ATM - involves displaying arbitrary message by projection control of  
projecting members**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11175827	A	19990702	JP 97336749	A	19971208	199937 B

Priority Applications (No Type Date): JP 97336749 A 19971208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11175827	A		5	G07F-009/00	

...Abstract (Basic): USE - In automatic customer guide **apparatus** that  
guides **blind** people to interact with **ATM** .

4/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

010805623 \*\*Image available\*\*  
WPI Acc No: 1996-302576/199631  
XRPX Acc No: N96-254598

**Information presentation device for blind or visually impaired  
people e.g. for ATM or cash machine - controls element actuators to  
cause presentation of Braille characters in sequence to user on detecting  
user ID data, and sets actuators of movable rods each of which connected  
to element mounted in recess in block to extend from same**

Patent Assignee: NCR INT INC (NATC )

Inventor: DEANS P

Number of Countries: 006 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 720130	A1	19960703	EP 95309410	A	19951222	199631 B
JP 8278747	A	19961022	JP 95340939	A	19951227	199701

Priority Applications (No Type Date): GB 9426340 A 19941229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 720130	A1	E	7	G07F-019/00	

Designated States (Regional): DE ES FR GB IT

JP 8278747	A	4	G09B-021/00
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**Information presentation device for blind or visually impaired  
people e.g. for ATM or cash machine...**

4/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07251475 Supplier Number: 61551457 (USE FORMAT 7 FOR FULLTEXT)  
**Deployers Prefer A Voluntary Talking-ATM Solution. (Company Business and  
Marketing)**

Bank Network News, v18, n21, p4

March 30, 2000  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 868

... owned ATMs, can be converted for about \$500, he says, adding that advocates for the **blind** primarily want bank **ATMs** converted, and not necessarily low-function **devices** in retail locations.

But a compliance requirement to provide blind users access that is equal...

**4/3,K/4 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06150906 SUPPLIER NUMBER: 12779509 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Citicorp devises software to adapt ATMs for blind .**

Barthel, Matt

American Banker, v157, n191, p3(1)

Oct 2, 1992

ISSN: 0002-7561 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 444 LINE COUNT: 00035

**Citicorp devises software to adapt ATMs for blind .**

**4/3,K/5 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05590368 SUPPLIER NUMBER: 11808793 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**ATM access for the blind posing toughest problems. (automated tellers)**

Barthel, Matt

American Banker, v156, n246, p3(1)

Dec 24, 1991

ISSN: 0002-7561 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 463 LINE COUNT: 00038

... the major ATM manufacturers -- InterBold, Fujitsu Systems of America, Inc., and NCR Corp - had developed **software** that will lead **visually impaired ATM** users through each step of a transaction by giving the location of keys and confirming...

**4/3,K/6 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05530215 SUPPLIER NUMBER: 11544667 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The ATM agenda. (automated teller machines)**

Melia, Marilyn

Savings Institutions, v112, n11, p38(5)

Nov, 1991

ISSN: 0746-1321 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 3128 LINE COUNT: 00253

... 10 bill or a \$20 bill."

Audio technology may be the best solution to aid **visually impaired ATM** users. However, the necessary **software** is still under development and promises to be costly -- maybe too costly to be made...

**4/3,K/7 (Item 1 from file: 625)**

DIALOG(R)File 625:American Banker Publications

. (c) 2003 American Banker. All rts. reserv.

0129428

**Citicorp Devises Software To Adapt ATMs for Blind**  
American Banker - October 2, 1992; Pg. 3; Vol. 157, No. 191  
WORD COUNT: 428

BYLINE:

By MATT BARTHEL

~~Citicorp Devises Software To Adapt ATMs for Blind~~

4/3,K/8 (Item 2 from file: 625)

DIALOG(R) File 625: American Banker Publications  
(c) 2003 American Banker. All rts. reserv.

0122839

**ATM Access for the Blind Posing Toughest Problems**  
American Banker - December 24, 1991; Pg. 3; Vol. 156, No. 246  
WORD COUNT: 435

BYLINE:

By MATT BARTHEL

TEXT:

...the major ATM manufacturers - InterBold, Fujitsu Systems of America, Inc., and NCR Corp. - has developed **software** that will lead **visually impaired** ATM users through each step of a transaction by giving the location of keys and confirming...

4/3,K/9 (Item 1 from file: 268)

DIALOG(R) File 268: Banking Info Source  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00020908

~~Technology/operations news: Citicorp devises software to adapt ATMs for blind~~  
Barthel, Matt  
American Banker, p3, Oct 2, 1992 LANGUAGE: English RECORD TYPE:  
Abstract

~~Technology/operations news: Citicorp devises software to adapt ATMs for blind~~

?

File 16:Gale Group PROMT(R) 1990-2003/May 19  
 (c) 2003 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/May 19  
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 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2003/May 19  
 (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/May 19  
 (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/May 19  
 (c) 2003 The Gale Group

?ds

Set	Items	Description
S1	133014	VISUAL?() (IMPAIRED? OR DISABILITY? OR DISABL?) OR BLIND? OR (LEGAL? OR FUNCTIONAL?) ()BLIND?
S2	4725319	FINANCIAL()SERVICE? OR HOME()BANK? OR ATM OR AUTOMATIC()TE- LLER()MACHINE? OR BANK? ? OR BANKING?
S3	15838	(SCREEN()READ?) () (DEVICE? OR APPARATUS? OR SOFTWARE) OR SC- REEN()ACCESS()SOFTWARE? OR HOME()PAGE()READER? OR LYNX? OR TE- XT() (READABLE? OR READABILIT?)
S4	3084	(BRAILLE? OR SPEECH?) (3N) (CONVERSION? OR CONVERT?)
S5	2948	S1(S)S2
S6	1	S5(S)S3
S7	3	S5(S)S4
S8	3	S7 NOT S6
S9	2	RD (unique items)
S10	129	S1(5N) (S3 OR S4)
S11	128	S10 NOT (S6 OR S9)
S12	85	S11 NOT PY>2000
S13	51	RD (unique items)

6/3,K/1 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

05434138 Supplier Number: 95094327 (USE FORMAT 7 FOR FULLTEXT)  
SOVEREIGN TO INSTALL MORE TALKING ATMS. (Sovereign Bancorp's Sovereign  
Bank) (Brief Article)  
Cardline, v2, n49, p1  
Dec 6, 2002  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Newsletter; Trade  
Word Count: 99

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Sovereign Bancorp's Sovereign Bank will install 100 talking ATMs for the visually impaired by June 30 as part of a Sovereign and Disability Law Center agreement. Sovereign also has agreed to install talking ATMs at all its bank locations by June 30, 2005. In addition, Sovereign will improve its Web site to make for easier navigation by the visually impaired using screen - reader software . Philadelphia-based Sovereign already has talking ATMs at some Massachusetts and Pennsylvania branches. Disability Law...

9/3,K/1 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03913453 SUPPLIER NUMBER: 07288152 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IBM backs Bristol University effort to enable the deaf to follow live events.**

Ring, Katy  
Computergram International, n1183, CGI05240012  
May 24, 1989  
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1088 LINE COUNT: 00083

... Speech Viewer and the PS/2 Screen Reader. The former is an educational tool for **speech** therapists, which **converts speech** acoustics into interactive video displays thus enabling people with a speech disorder, or whose hearing...

...dynamic visual representation of their speech on a computer screen. The latter product enables the **blind** and **visually impaired** become computer users through voice communication from the computer. The **blind** user hears the words on a computer display, listening to the same words that a sighted user would see. One can only assume that IBM is **banking** on the main market for these products coming from institutions and organisations rather than from...

9/3,K/2 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01107888 Supplier Number: 40801310 (USE FORMAT 7 FOR FULLTEXT)  
**IBM BACKS BRISTOL UNIVERSITY EFFORT TO ENABLE THE DEAF TO FOLLOW LIVE EVENTS**

Computergram International, n1183, pN/A  
May 24, 1989  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1016

... Speech Viewer and the PS/2 Screen Reader. The former is an educational tool for **speech** therapists, which **converts speech** acoustics into interactive video displays thus enabling people with a speech disorder, or whose hearing...

...dynamic visual representation of their speech on a computer screen. The latter product enables the **blind** and **visually impaired** become computer users through voice communication from the computer. The **blind** user hears the words on a computer display, listening to the same words that a sighted user would see. One can only assume that IBM is **banking** on the main market for these products coming from institutions and organisations rather than from...

?

13/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

08203054 Supplier Number: 67589048 (USE FORMAT 7 FOR FULLTEXT)  
**Giga blasts Web site inadequacies. (Industry Trend or Event) (Brief Article)**  
Webb, Dave  
Computing Canada, v26, n25, p18  
Dec 1, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 419

... presentation of alternate text for images, especially with Flash applications. That's important to reach **visually impaired** surfers who use text-to-**speech converters** and European users who often dispose of graphics to speed downloads since they pay by...

13/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

08162446 Supplier Number: 68278215 (USE FORMAT 7 FOR FULLTEXT)  
**FOR HIS OWN GOOD Experts tell one man the truth about his Web site.**  
KOOSER, AMANDA C.  
Entrepreneur, v28, n12, p134  
Dec, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1399

... s better to subcategorize to avoid 'sensory overload.'  
4 "Coding: ALTs should be specified for **visually disabled** users and users on **LYNX**, a text-based navigator on Unix machines, which a surprisingly large number of people still...

13/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07786549 Supplier Number: 64687912 (USE FORMAT 7 FOR FULLTEXT)  
**Merging Human and Machine. (Company Business and Marketing)**  
Kurzweil, Raymond  
Computer Graphics World, v23, n8, p23  
August, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 1103

... the Web between a human and a virtual personality.  
\* Pocket-size reading machines for the **blind** and **visually impaired**, "listening machines" ( **speech -to-text conversion** ) for the deaf, and computer-controlled orthotic devices for paraplegic individuals result in a growing...

13/3,K/4 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07710293 Supplier Number: 64262444 (USE FORMAT 7 FOR FULLTEXT)  
**Locking Out the Disabled. (Technology Information)**

HEIM, JUDY  
PC World, v18, n9, p181  
Sept, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; General Trade  
Word Count: 3024

... a contributing editor for PC World.  
The Talking Web HOW IT WORKS--AND DOESN'T  
BLIND WEB SURFERS rely on screen reader software or talking  
Web browsers (such as IBM's Home Page Reader, used in these examples...

13/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07684053 Supplier Number: 63722146 (USE FORMAT 7 FOR FULLTEXT)  
AOL To Become Accessible For The Blind. (Company Business and Marketing)  
Stone, Martin  
Newsbytes, pNWSB0020900A  
July 27, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 216

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...the National Federation of the Blind, which will see AOL software made  
compatible with programs blind people use to convert digital  
information to speech or Braille.

13/3,K/6 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07639871 Supplier Number: 63697654 (USE FORMAT 7 FOR FULLTEXT)  
National Federation of the Blind and America Online Reach Agreement on  
Accessibility.  
PR Newswire, pNA  
July 26, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 656

... to its members.  
NFB's lawsuit had charged that the AOL service "is incompatible with  
screen access software programs for the blind." As a result, blind  
people did not have access to the nation's largest Internet...

13/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07439750 Supplier Number: 62556107 (USE FORMAT 7 FOR FULLTEXT)  
Henter-Joyce. (Brief Article)  
The BBI Newsletter, v23, n6, p138  
June, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Newsletter; Trade  
Word Count: 67



(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Henter-Joyce, a provider of **screen - reader software** technology to **blind** and **visually impaired** computer users, has merged with Freedom Scientific, a developer of assistive technology products for the...

13/3,K/8 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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07377452 Supplier Number: 59964117 (USE FORMAT 7 FOR FULLTEXT)

**Designing an ADA-Compliant Website. (Brief Article)**

Kaplan, Frederick M.

Shopping Center World, v29, n2, p24

Feb, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 851

... Act of 1990 (ADA). It charges that AOL's proprietary software is not compatible with **screen access software** programs used by **blind** persons to translate computer text into synthesized speech or Braille.

Therefore, NFB lawyers argue that...

13/3,K/9 (Item 9 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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07353275 Supplier Number: 58252923 (USE FORMAT 7 FOR FULLTEXT)

**Edapta, Inc. Helping Guide Disabled Into Cyberspace. (Brief Article)**

Siedsma, Andrea

San Diego Business Journal, v20, n48, p12

Nov 29, 1999

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 1233

... AOL is violating the Americans with Disabilities Act because its service is not compatible with **screen access software** programs for the **blind**.

AOL officials, who have expressed their dismay over the claim, have said the next version...

13/3,K/10 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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07277313 Supplier Number: 61763752 (USE FORMAT 7 FOR FULLTEXT)

**Henter-Joyce Merges With Freedom Scientific Inc.**

PR Newswire, pNA

April 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 380

... Group announced today that its client, Henter-Joyce, the world's leading company in providing **screen - reader software** technology to **blind** and **visually impaired** computer users, has merged with Freedom Scientific Inc. Freedom Scientific was formed to offer a...

13/3,K/11 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07268307 Supplier Number: 59617087 (USE FORMAT 7 FOR FULLTEXT)  
**ADA-COMPLIANT SITES. (Americans with Disabilities Act may require web sites to accessible to the blind) (Brief Article)**  
Travel Agent, v298, n6, p62  
Jan 31, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 132

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...onto the Web. The suit argues that AOL's software is not compatible with the screen reader software commonly used by the blind, in violation of the Americans With Disabilities Act. According to Frederick Kaplan, a partner at...

13/3,K/12 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06835141 Supplier Number: 57817572 (USE FORMAT 7 FOR FULLTEXT)  
**www.ibm.com/able. (Web Site Of The Week) (Company Business and Marketing) (Brief Article)**  
InformationWeek, p17  
Nov 29, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Tabloid; General Trade  
Word Count: 55

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...better access to information for employees with disabilities. Though it promotes IBM products, such as Home Page Reader for visually impaired users, non-IBM technology is featured as well, and it helps companies get the most...

13/3,K/13 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06633254 Supplier Number: 55745651 (USE FORMAT 7 FOR FULLTEXT)  
**IBM improves accuracy of ViaVoice, adds browsing. (ViaVoice Millennium speech technology software) (Product Announcement)**  
Toft, Dorte  
Network World, pNA  
Sept.13, 1999  
Language: English Record Type: Fulltext  
Article Type: Product Announcement  
Document Type: Magazine/Journal; Trade  
Word Count: 521

... Microsoft Internet Explorer and America Online's browser. The software has roots in IBM's Home Page Reader targeted at visually impaired users.

ViaVoice Millennium works with Microsoft Office applications and with IBM's Lotus 1-2...

13/3,K/14 (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06251824 Supplier Number: 54284866 (USE FORMAT 7 FOR FULLTEXT)  
**Sports Marketing; The Minor Model of a Modern Major Promo. (Industry Trend or Event)**  
Cohen, Norty; Lin, Alice  
Promo, pNA  
April, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1507

... selected to be a human bowling ball and knock down pins near third base.

Ottawa **Lynx** 's **Blindfolded** Ball Search: Fans get a chance to win airfare for two anywhere in Canada by...

13/3,K/15 (Item 15 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06108815 Supplier Number: 53693081 (USE FORMAT 7 FOR FULLTEXT)  
**Talking Web Browser for the Blind Now Available from IBM.**  
Business Wire, p1180  
Feb 3, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 582

... IBM Special Needs Systems. "But until recently, access to the Internet was extremely limited for **blind** adults and children. **Home Page Reader** is closing the information gap between sighted and blind computer users at home and at...

...benefit from the wealth of information available on the Internet."  
Bringing Internet Access to the **Blind**  
**Home Page Reader** uses IBM's ViaVoice(a) Outloud U.S. English text-to-speech technology, and Netscape...

13/3,K/16 (Item 16 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06083073 Supplier Number: 53598480 (USE FORMAT 7 FOR FULLTEXT)  
**Pattern recognition. (technology author Ray Kurzweil) (Technology Information)**  
Dern, DanielP.  
Computerworld, p71(1)  
Jan 18, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 779

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...past two decades, Ray Kurzweil has created computer companies whose products read text to the **blind**, **convert speech** to text and create music without using musical instruments. His new book, The Age of...

13/3,K/17 (Item 17 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06061119 Supplier Number: 53342750 (USE FORMAT 7 FOR FULLTEXT)  
**Browser for the Blind .(IBM Home Page Reader )(Product  
Announcement) (Brief Article)**  
Izarek, Stephanie  
Computer Shopper, p295(1)  
Jan, 1999  
Language: English Record Type: Fulltext  
Article Type: Product Announcement; Brief Article  
Document Type: Magazine/Journal; General Trade  
Word Count: 99

**Browser for the Blind .(IBM Home Page Reader )(Product  
Announcement) (Brief Article)**

13/3,K/18 (Item 18 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05946933 Supplier Number: 53205414 (USE FORMAT 7 FOR FULLTEXT)  
**Speak up to access all areas.(voice input, other technologies for  
handicapped) (Technology Information)**  
Foremski, Tom  
Computer Weekly, p50(1)  
Nov 5, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 715

... developed a talking Web browser, bringing the huge amount of  
information on the Internet to **blind** users. The **IBM Home Page Reader**  
audibly communicates information from Web pages including tables, frames,  
forms, and alternate text for images...

13/3,K/19 (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05926524 Supplier Number: 53165056 (USE FORMAT 7 FOR FULLTEXT)  
**Facing Windows of lost opportunity.(blind programmers) (Industry Trend or  
Event)**  
Computerworld, p86(1)  
Nov 2, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 1607

... the newer PC and client/server worlds, Chong says.  
That door was partially reopened for **blind** programmers when **screen**  
- **reader software** was adapted to convert some, but not all, Windows  
graphical interfaces into screen-readable text...

13/3,K/20 (Item 20 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05924089 Supplier Number: 53160780 (USE FORMAT 7 FOR FULLTEXT)  
**IBM Talking Web Browser For The Blind 10/21/98.**

Newsbytes PM, pNA  
Oct 21, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 485

... indispensable tool for sharing knowledge in today's world," said Chuck King, the product manager. " **Home Page Reader** allows people who are **blind** or visually impaired to participate in the Internet revolution and have access to the information...

13/3,K/21 (Item 21 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05923138 Supplier Number: 53159182 (USE FORMAT 7 FOR FULLTEXT)  
**NEW TALKING WEB BROWSER FROM IBM BRINGS INTERNET ACCESS TO VISUALLYIMPAIRED.**  
Software Industry Report, p2(1)  
Nov 2, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 366

... knowledge in today's world," says Chuck King, product manager at IBM Special Needs Systems. " **Home Page Reader** allows people who are **blind** or visually impaired to participate in the Internet revolution and have access to the information...

13/3,K/22 (Item 22 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05907751 Supplier Number: 53127229 (USE FORMAT 7 FOR FULLTEXT)  
**Voice Processing: New IBM Talking Web Browser Brings the Voice of the World Wide Web to the Blind. (Product Announcement)**  
EDGE: Work-Group Computing Report, pNA  
Oct 26, 1998  
Language: English Record Type: Fulltext  
Article Type: Product Announcement  
Document Type: Newsletter; Trade  
Word Count: 705

... sharing knowledge in today's world," said Chuck King, product manager, IBM Special Needs Systems. " **Home Page Reader** allows people who are **blind** or visually impaired to participate in the Internet revolution and have access to the information...

13/3,K/23 (Item 23 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05751211 Supplier Number: 50234690 (USE FORMAT 7 FOR FULLTEXT)  
**Gaining insight into traffic patterns: Large publishers turn to Accrue**  
McKenzie, Matt  
The Seybold Report on Internet Publishing, v27, n20, p28  
August, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newsletter; Trade  
Word Count: 2034

... it showed that many readers were relying on text-based browsers, reflecting the number of **visually impaired** people visiting the site with **screen - reading devices** . As a result, he noted, the Mercury Center pays particular attention to accessibility issues. Coluzzi...

13/3,K/24 (Item 24 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03069781 Supplier Number: 44179043 (USE FORMAT 7 FOR FULLTEXT)  
**Electronics hand in glove with disabled**  
Electronics Times, p20  
Oct 21, 1993  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1276

... a speech synthesiser, written as magnified text on screen for those with some sight or **converted** into **Braille** .

Finally, the **blind** can now use pcs to do normal tasks such as word processing and spreadsheets thanks...

13/3,K/25 (Item 25 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02936894 Supplier Number: 43970944 (USE FORMAT 7 FOR FULLTEXT)  
**Intel Donates CPU For Low-Cost Reading Machine 07/15/93**  
Newsbytes, pN/A  
July 15, 1993  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 226

The Open Book Special Edition, a reading machine for **visually impaired** individuals, scans printed materials and **converts** them to **speech** . By using the 66 megahertz 80486 chip, the Special Edition version will, according to Arkenstone...

13/3,K/26 (Item 26 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01780267 Supplier Number: 42237346  
**Vorlesegeraet**  
Elektronik Technologie Anwendungen, p9  
July 23, 1991  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

Forschungszentrum Seibersdorf has linked a scanner, character **converter** and synthetic **speech** generator to enable **blind** and vision-impaired persons to 'read' a text. Reading begins within a few seconds of...

13/3,K/27 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12376189 SUPPLIER NUMBER: 63298098 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**2000 Buyer's Guide and Consultants Directory.**

Computers in Libraries, 20, 7, 26

July, 2000

ISSN: 1041-7915

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 34520

LINE COUNT: 03665

... Inc.

Artic Technologies International

Dancing Dots

Data Research Associates, Inc.

Dolphin Computer Access Group for Visually Impaired Computer

Users

Henter-Joyce, Inc.

Screen Reader Software /Voice Output

Ai Squared

ALVA Access Group, Inc.

Artic Technologies International

Dancing Dots

Data Research...

13/3,K/28 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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12104719 SUPPLIER NUMBER: 59111332 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**CIMA scoops prizes at Accountancy Age awards. (Brief Article)**

Management Accounting (British), 78, 1, 03

Jan, 2000

DOCUMENT TYPE: Brief Article

ISSN: 0025-1682

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 473 LINE COUNT: 00040

... company, Nortel Networks, provided great support. He also praised the Royal National Institute for the Blind (RNIB) for converting his notes to braille and CIMA for providing someone he could dictate his answers to under exam conditions.

Janet...

13/3,K/29 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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11974838 SUPPLIER NUMBER: 61527116 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Designing a Website that is ADA-compliant.**

Kaplan, Frederick M.

National Real Estate Investor, 42, 3, 34

March 1, 2000

ISSN: 0027-9994 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 808 LINE COUNT: 00068

... Act of 1990 (ADA). It charges that AOL's proprietary software is not compatible with screen access software programs used by blind persons to translate computer text into synthesized speech or Braille.

Therefore, NFB lawyers argue that...

13/3,K/30 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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11924155 SUPPLIER NUMBER: 61203005 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Designing a Web-Based Desktop That's Easy to Navigate. (Technology**

**Information)**

Rogers, Eric

Computers in Libraries, 20, 4, 34

April, 2000

ISSN: 1041-7915      LANGUAGE: English      RECORD TYPE: Fulltext

WORD COUNT: 2943      LINE COUNT: 00249

... need assistance in seeing and reading the screen, as well as customers who are completely blind and require screen - reading software .

The initial interface customers encounter is very similar to the default version, except that all...

13/3,K/31      (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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11904697      SUPPLIER NUMBER: 60013772      (USE FORMAT 7 OR 9 FOR FULL TEXT)

Lighting The Way.

Jareo, Lori E.

Modern Machine Shop, 72, 9, 42

Feb, 2000

ISSN: 0026-8003      LANGUAGE: English      RECORD TYPE: Fulltext

WORD COUNT: 159      LINE COUNT: 00015

The Lighthouse took off-the-shelf software called Vocal-Eyes (this is one of many screen - reading software programs that blind people use when running a PC) and customized some configuration files to read/voice the...

13/3,K/32      (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11581841      SUPPLIER NUMBER: 21167580      (USE FORMAT 7 OR 9 FOR FULL TEXT)

Successful web pages: what are they and do they exist?

D'Angelo, John; Little, Sherry K.

Information Technology and Libraries, v17, n2, p71(11)

June, 1998

ISSN: 0730-9295      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8012      LINE COUNT: 00674

... appearance.(139)

\* Provide a text-only option for users with text-only browsers such as LYNX or for users who are visually impaired ,(140) or provide simple alternative .

13/3,K/33      (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10184920      SUPPLIER NUMBER: 20518906      (USE FORMAT 7 OR 9 FOR FULL TEXT)

Reaching the whole community through the Internet.

Holmes, Susan F.

Computers in Libraries, v18, n4, p51(5)

April, 1998

ISSN: 1041-7915      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3793      LINE COUNT: 00298

... with disabilities: Access by the entire community is an issue that TRFN takes very seriously. Visually impaired users find our pages Lynx -friendly because we require all TRFN-hosted Web sites to keep the text-based user...



13/3,K/34 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09350514 SUPPLIER NUMBER: 19059108 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
I hear, you see: adaptive CD-ROM for disabled users. (includes related  
article on the Trace Research & Development Center's universal design  
principles)  
Lazzaro, Joseph J.  
EMedia Professional, v10, n2, p52(7)  
Feb, 1997  
ISSN: 1090-946X LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4125 LINE COUNT: 00349

... Off-Screen model which keeps a running tally of everything written  
to the screen, allowing **screen - reader software** programs used by the  
**blind** to accurately read what is on the video display.

ActiveX Accessibility also includes hooks for...

13/3,K/35 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08010155 SUPPLIER NUMBER: 16864110 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Info highway a dead-end? (disabled need accessibility)  
Bellinger, Robert  
Electronic Engineering Times, n841, p78(1)  
March 27, 1995  
ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 821 LINE COUNT: 00070

...ABSTRACT: The Mosaic Disabilities Access Committee is also addressing  
the needs of the disabled, particularly the **blind** who have found their  
**screen reader devices** are unable to handle the Mosaic GUI.

13/3,K/36 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06516600 SUPPLIER NUMBER: 14345049 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Tools that help performance on the job. (assistive technology for the  
handicapped in the workplace) (includes related articles)  
Tompkins, Neville C.  
HRMagazine, v38, n4, p84(5)  
April, 1993  
ISSN: 1047-3149 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2802 LINE COUNT: 00229

... a relay service, and mouthpicks that allow quadriplegics to operate  
computers. Software is available to **convert** text to **speech** for the  
**blind** and speech to text for the deaf.

These re examples of high-tech items, but...

13/3,K/37 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06238231 SUPPLIER NUMBER: 14047668  
Software helps the blind to read. (Xerox Imaging Systems) (Product  
Announcement)  
Design News, v49, n11, p44(2)

June 7, 1993

DOCUMENT TYPE: Product Announcement  
ENGLISH RECORD TYPE: ABSTRACT

ISSN: 0011-9407

LANGUAGE:

ABSTRACT: Xerox Imaging Systems developed a new software program that can **convert** written text into **speech** and enable the **blind** to read printed words. The Reading AdvantEdge works with a text scanner and voice-synthesis  
...

13/3,K/38 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05804731 SUPPLIER NUMBER: 11906102 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Software helps blind PC users gain access to CD-ROMs. (Raised Dot

Computing's CD-Rom Access Disk) (Product Announcement) (Brief Article)

CD-ROM Professional, v5, n2, p98(1)

March, 1992

DOCUMENT TYPE: Brief Article

ISSN: 1049-0833

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 293 LINE COUNT: 00022

TEXT:

...make it easier for blind persons to use CD-ROM technology. Using speech synthesizers and **screen access software**, blind persons can read the contents of CD-ROM discs without using a sighted reader. If...

13/3,K/39 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05794002 SUPPLIER NUMBER: 11848064 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Software helps blind PC users gain access to CD-ROMs. (Brief Article)

Online, v16, n2, p84(1)

March, 1992

CODEN: ONLID

DOCUMENT TYPE: Brief Article

ISSN: 0146-5422

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 291 LINE COUNT: 00022

TEXT:

...make it easier for blind persons to use CD-ROM technology. Using speech synthesizers and **screen access software**, blind persons can read the contents of CD-ROM discs without using a sighted reader. If...

13/3,K/40 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05778553 SUPPLIER NUMBER: 11776694 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Free software tools help blind persons use CD-ROM technology. (Brief Article)

Information Today, v9, n1, p33(1)

Jan, 1992

DOCUMENT TYPE: Brief Article

ISSN: 8755-6286

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 498 LINE COUNT: 00037

TEXT:

...and software tools to make it easier for blind persons to use CD-ROM technology. **Blind** persons, using speech synthesizers and **screen access software**, can read the contents of CD-ROM discs without using a sighted reader. If a...

13/3,K/41 (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02165334 SUPPLIER NUMBER: 03414105 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A visit to 'The Computer Museum.'**  
Office Administration and Automation, v45, p70(3)  
Sept, 1984  
ISSN: 0745-4325 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1367 LINE COUNT: 00110

... Napier in 1617) to the Pascaline, the first mechanical calculator.  
The Kurzweil Reading Machine, which **converts** printed material to **speech**  
for the **visually impaired**, and Shakey-the-Robot, the first mobile robot  
with artificial intelligence, also and to the...

13/3,K/42 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

02362605  
**Software that talks to blind PC users**  
Business Week (Industrial Edition) December 18, 1989 p. 104C  
ISSN: 0007-7135

IBM has introduced a software package for use by **blind** PC users. The  
company's **Screen Reader software** package is able to 'read' a  
document, and follow up with 'talking' to the blind...

13/3,K/43 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02267153 SUPPLIER NUMBER: 53717988 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IBM Intros Browser That Speaks 02/04/99.**  
Newsbytes, NA  
Feb 4, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 335 LINE COUNT: 00030

... IBM Special Needs Systems. "But until recently, access to the  
Internet was extremely limited for **blind** adults and children. **Home**  
**Page Reader** is closing the information gap between sighted and blind  
computer users at home and at...

13/3,K/44 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02084566 SUPPLIER NUMBER: 19609643 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Most of the Web is unfriendly to the challenged. (handicapped access**  
**sites) (Jeff's Internet Adventures) (Brief Article) (Directory)**  
Frentzen, Jeff  
PC Week, v14, n31, p165(1)  
July 21, 1997  
DOCUMENT TYPE: Brief Article Directory ISSN: 0740-1604 LANGUAGE:  
English RECORD TYPE: Fulltext  
WORD COUNT: 646 LINE COUNT: 00056

Wrong. **Visually impaired** readers use **screen - reader software**

to translate Web pages into Braille or use text-to-speech Web browsers.  
Usually this...

...a time, horizontally across the page.

Can Web publishers successfully accommodate all readers, including the  
**blind** and **visually impaired**?

Probably not. **Screen - reader** software does a generally poor job  
with HTML-formatted paragraphs that contain several hyperlinks. Will Web...

13/3,K/45 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01609887 SUPPLIER NUMBER: 14083755 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Intel donates CPU for low-cost reading machine. (Arkenstone's Open Book)**  
(central processing unit)  
McCormick, John  
Newsbytes, NEW07150012  
July 15, 1993  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 258 LINE COUNT: 00021

The Open Book Special Edition, a reading machine for **visually impaired** individuals, scans printed materials and **converts** them to **speech**. By using the 66 megahertz 80486 chip, the Special Edition version will, according to Arkenstone...

13/3,K/46 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01599658 SUPPLIER NUMBER: 13782317 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SoftQuad perfects instant Braille; Author/Editor, Braille DTDs automatic print-disabled production. (document type definitions) (The Latest Word)**  
Seybold Report on Publishing Systems, v22, n14, p21(1)  
April 5, 1993  
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 604 LINE COUNT: 00047

... than 90 minutes by Recording for the Blind (RFB) in Missoula, MT.  
Recording for the **Blind** used IBM's BookManager and **screen - reading software** as its delivery medium.

The book was encoded in sgml using an enhanced version of...

13/3,K/47 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01239810 SUPPLIER NUMBER: 06272244 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New on the market. (First Looks)**  
Muchmore, Michael  
PC Magazine, v7, n7, p51(2)  
April 12, 1988  
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1178 LINE COUNT: 00091

**IBM Screen Reader Software** and Keypad  
Enable the **Blind** to Hear Text from PS/2s IBM Corp. is offering a system that lets blind...

13/3,K/48 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03997095 Supplier Number: 53127055 (USE FORMAT 7 FOR FULLTEXT)  
-IBM: New IBM talking web browser brings the voice of the WWW to the blind.  
M2 Presswire, pNA  
Oct 23, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 746

... sharing knowledge in today's world," said Chuck King, product manager, IBM Special Needs Systems. " Home Page Reader allows people who are blind or visually impaired to participate in the Internet revolution and have access to the information...

13/3,K/49 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03760666 Supplier Number: 48138015 (USE FORMAT 7 FOR FULLTEXT)  
RECOGNITA: How technology is helping to involve the visually impaired in society  
M2 Presswire, pN/A  
Nov 24, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1793

... impaired is that no hardcopy document is inaccessible to them any longer: it can be converted into speech and therefore 'read' by the blind. Despite the fact that Braille has enabled the translation of a great many publications, the...

13/3,K/50 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03430393 Supplier Number: 47065857 (USE FORMAT 7 FOR FULLTEXT)  
NSF: NSF's new home page up and running  
M2 Presswire, pN/A  
Jan 27, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 220

... cutting (interdisciplinary) programs.  
Also new is a site that improves access for the blind and visually impaired (which works well with Lynx, a text-only browser).  
The site is now up and running, and will continue to...

13/3,K/51 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03083469 Supplier Number: 46301958 (USE FORMAT 7 FOR FULLTEXT)  
RNIB: RNIB launches home page on World Wide Web  
M2 Presswire, pN/A  
April 15, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 197

?ds

Set	Items	Description
S1	312	VISUAL?() (IMPAIRED? OR DISABILITY? OR DISABL?) OR BLIND? OR (LEGAL? OR FUNCTIONAL?) () BLIND?
S2	33924	FINANCIAL() SERVICE? OR HOME() BANK? OR ATM OR AUTOMATIC() TE- LLER() MACHINE? OR BANK? ? OR BANKING?
S3	3	(SCREEN() READ?) () (DEVICE? OR APPARATUS? OR SOFTWARE) OR SC- REEN() ACCESS() SOFTWARE? OR HOME() PAGE() READER? OR LYNX? OR TE- XT() (READABLE? OR READABILIT?)
S4	0	(BRAILLE? OR SPEECH?) (3N) (CONVERSION? OR CONVERT?)
S5	28	S1 AND S2
S6	25	S5 NOT PY>2000
S7	20	RD (unique items)
S8	18	S7 NOT BLINDED
S9	3	S8 NOT BLINDER?
S10	0	S1 AND S3

9/5/1

DIALOG(R)File 139:EconLit

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561101

**TITLE: Geographical targeting for poverty alleviation: Methodology and applications**

AUTHOR(S): Bigman, David; Fofack, Hippolyte, eds.

PUBLICATION INFORMATION: Regional and Sectoral Studies. Washington, D.C.:  
World Bank, PAGES: xiv, 307

PUBLICATION DATE: 2000

ISBN: 0-8213-4625-3

DOCUMENT TYPE: Book

ABSTRACT INDICATOR: Abstract

ABSTRACT: Eleven papers, presented at a conference held at the World Bank in fall 1997, provide an introduction to the basic concepts of geographical information systems and a sample of their different applications to spatial analysis. Papers focus on a review of different methods and approaches to geographical targeting; lessons from USAID experience for applications of a GIS in program impact evaluation; combining census and survey data to study spatial dimensions of poverty in Ecuador; community targeting for poverty reduction in Burkina Faso; applying household expenditure survey data to improve poverty targeting in Ghana; spatial indicators of access and fairness for the location of public facilities; evaluation of food security in the Sahel; using a GIS to target river blindness control activities in Guatemala; a geographical information system applied to a malaria field study; a geographical information system as a component of the animal health information system in Thailand; and location criteria of nongovernmental organizations providing credit to the poor in Bangladesh. Bigman is at the International Service for National Agricultural Research. Fofack is with the World Bank. No index.

DESCRIPTOR(S) (1991 to Present): Size and Spatial Distributions of Regional Economic Activity (economic geography) (R120); Economic Development: Human Resources; Income Distribution; Migration (nutrition, health, education, fertility, household structure and formation, labor markets) (O150); Measurement and Analysis of Poverty (I320)

KEYWORD DESCRIPTOR(S) (1991 to Present): Poverty Alleviation; Poverty; Spatial

COMPANY NAMES (DIALOG GENERATED): National Agricultural Research ; World Bank

9/5/2

DIALOG(R)File 139:EconLit

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518740

**TITLE: Flying Blind : Recent Federal Reserve Policy**

AUTHOR(S): Wray, L. Randall

AUTHOR(S) AFFILIATION: U Denver

IN: Money, financial institutions and macroeconomics

EDITOR(S): Cohen, Avi J.; Hagemann, Harald; Smithin, John, eds.

PUBLICATION INFORMATION: Recent Economic Thought Series. Boston;  
Dordrecht and London: Kluwer Academic, PAGES: 203-17

PUBLICATION DATE: 1997

ISBN: 0-7923-9909-9

DOCUMENT TYPE: Collective Volume Article

GEOGRAPHIC LOCATION DESCRIPTOR(S): U.S.

DESCRIPTOR(S) (1991 to Present): Macroeconomics: Employment; Unemployment; Wages; wage indexation (E240); Price Level; Inflation; Deflation (E310); Monetary Policy (Targets, Instruments, and Effects) (E520); Central Banks and Their Policies (organization, case studies, lender of last resort issues) (E580); Policy

9/5/3

DIALOG(R)File 139:EconLit

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489758

**TITLE: Good Governance, Administrative Reform and Socio-economic Realities:  
A South Pacific Perspective**

AUTHOR(S): Ray, Binayak

AUTHOR(S) AFFILIATION: Australian National U

JOURNAL NAME: International Journal of Social Economics,

JOURNAL VOLUME & ISSUE: 26 1-2-3,

PAGES: 354-69

PUBLICATION DATE: 1999

AVAILABILITY: <A HREF="http://www.emeraldinsight.com/ijse.htm">Publisher's  
URL</A>

ISSN: 0306-8293

DOCUMENT TYPE: Journal Article

ABSTRACT INDICATOR: Abstract

**ABSTRACT:** Good governance and administrative reform issues now form an integral part of the development debate. Multilateral agencies (e.g. World Bank, UN) and bilateral donors insist that issues such as market accessibility, competition, human rights, financial accountability are integral parts of this debate. The South Pacific Island countries cannot divorce themselves from the overall thrust of these issues. The paper argues that their geography, unique socioeconomic features and global political situation must determine their reform agenda. Issues which are appropriate for other countries may not necessarily be the best option for them. These unique features (e.g. tribal nature of their societies, existence of non-monetised economy, little on-shore natural resources in many countries, small size of their domestic economies, locational disadvantages) should determine their reform strategy. Failure to do so would not provide them with an administrative structure suitable for their sustainable development needs. They must not **blindly** follow reform agenda of other countries.

GEOGRAPHIC LOCATION DESCRIPTOR(S): Pacific Islands

DESCRIPTOR(S) (1991 to Present): Formal and Informal Sectors; Shadow Economy; Institutional Arrangements (O170)

DESCRIPTOR(S) (Pre-1991): National Income Accounts (2212); Economic Development Models and Theories (1120)

KEYWORD DESCRIPTOR(S) (1991 to Present): Development

COMPANY NAMES (DIALOG GENERATED): World Bank